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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/821,479
	Filing Date	April 9, 2004
	First Named Inventor	Hector F. DeLuca et al
	Art Unit	1614
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	1256-00946

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas M. Wozny, Reg. No. 28,922 Andrus, Sceales, Starke & Sawall, LLP
Signature	<i>Thomas M. Wozny</i>
Date	August 24, 2004

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Signature	<i>Dorothy A. Hauser</i>	Date	August 24, 2004


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PATENT

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Appln. No. : 10/821,479)	CERTIFICATE OF MAILING
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TC/A.U. : 1614)	
Examiner :)	
)	 August 24, 2004
Docket No. : 1256-00946)	Dorothy A. Hauser Date

INFORMATION DISCLOSURE STATEMENT

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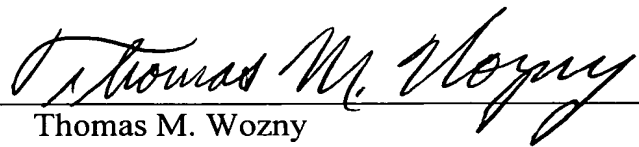
Sir:

The references listed on the enclosed PTO Form 1449 are being submitted in the above-identified patent application in accordance with 37 CFR 1.97(b)(3).

A copy of each of the non-U.S. patent references is enclosed in compliance with the rules.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

By 
Thomas M. Wozny
Reg. No. 28,922

Andrus, Scales, Starke & Sawall, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, WI 53202
Telephone: (414) 271-7590
Facsimile: (414) 271-5770



Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 1256-00946	Appln. No.: 10/821,479
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hector F. DeLuca et al	
		Filing Date April 9, 2004	Group Art Unit 1614

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF PPROPRIATE
		6,392,071	05-21-2002	DeLuca et al			
		5,945,410	08-31-1999	DeLuca et al			
		5,936,133	08-10-1999	DeLuca et al			
		5,877,168	03-02-1999	Miyamoto et al			
		5,843,928	12-01-1998	DeLuca et al			
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		5,817,648	10-06-1998	Kutner et al			
		5,587,497	12-24-1996	DeLuca et al			
		5,536,713	07-16-1996	DeLuca et al			
		5,246,925	09-21-1993	DeLuca et al			
		5,237,110	08-17-1993	DeLuca et al			
		5,086,191	02-04-1992	DeLuca et al			
		4,666,634	05-19-1987	Miyamoto et al			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
		EP0184206	12-04-1985	Europe				
		EP0078704	04-29-1987	Europe				
		EP0387077	09-03-1990	Europe				
		EP0474517	11-03-1992	Europe				
		EP0480572	04-15-1992	Europe				
		EP0516410	12-02-1992	Europe				
		WO90/09991	09-07-1990	PCT				

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		Filing Date April 9, 2004	Group Art Unit 1614

		Posner et al, "Stereocontrolled Synthesis of a Trihydroxylated A Ring as an Immediate Precursor to 1 α ,2 α ,25-Trihydroxyvitamin D ₃ ", Journal of Organic Chemistry, 56, pp. 4339-4341, April 15, 1995.
		Sarandeses et al, "Synthesis of 1 α ,25-Dihydroxy-19-Norprevitamin D ₃ ", Tetrahedron Letters, pp. 5445-5448, April 1992.
		Sicinski et al, "New 1 α ,25-Dihydroxy-19-Norvitamin D ₃ Compounds of High Biological Activity: Synthesis and Biological Evaluation of 2-Hydroxymethyl, 2-Methyl, and 2-Methylene Analogues," Journal of Medical Chemistry, 41, pp. 4662-4674, 1998.
		Slatopolsky et al, "A New Analog of Calcitriol, 19-Nor-1,25-(OH) ₂ D ₂ Suppresses Parathyroid Hormone Secretion in Uremic Rats in the Absence of Hypercalcemia", American Journal of Kidney Disorders, 26(5), 832-60, 1995.
		Suhara et al, "Synthesis and Biological Evaluation of Novel 2 α -Substituted 1 α ,25-Dihydroxyvitamin D ₃ Analogues," Biolorganic & Medicinal Chemistry Letters, 10, pp. 1129-1132, March 16, 2000.

EXAMINER	DATE CONSIDERED
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to client.	